From: Martin Ross [martin.ross@duke.edu]

Sent: 10/2/2017 3:36:22 PM

To: Tarr, Jeremy M [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=98859532088e4437968231eb6fef6b70-jmtarr1]

Subject: [External] NC trend
Attachments: NC Trends.xlsx

Flag: Follow up

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you verify that the attachment and content are safe. Send all suspicious email as an attachment to report.spam@nc.gov.

Hi Jeremy,

Here are very rough GDP and emissions trends for NC, based on EIA historical data (in red) and trends from the AEO 2017 without the CPP (calculations show the tabs/rows that are referenced if you are interested). For state GDP and state-wide emissions, the NEMS model has projections for a South Atlantic region that includes NC (https://www.eia.gov/outlooks/aeo/pdf/f1.pdf), and for state power emissions there is an electricity market region covering Virginia and Carolina (https://www.eia.gov/outlooks/aeo/pdf/nerc_map.pdf).

Hope it is some vague use. I'm not sure if I believe the short-term decline in emissions over the 2015-2018 years, but that is what the forecasts have...

Thanks, Martin

Martin T. Ross
Senior Economist
Nicholas Institute for Environmental Policy Solutions
Duke University
Box 90335
Durham, NC 27708
919.613.3650
919.613.8712 (fax)
martin.ross@duke.edu
nicholasinstitute.duke.edu